



## Appendix A. Use Closure Memo for Dimethoate

The following use closure memo was sent from EFED to SRRD to confirm uses of dimethoate that are relevant to the CRLF assessment. SRRD confirmed the uses cited in this memo, along with their application rates, numbers and intervals. Several exceptions were made to the contents of this memo. These exceptions were incorporated into the use characterization and exposure modeling for this assessment. The exceptions include:

- 1) Chinese cabbage and kohlrabi are registered uses of dimethoate. They can be applied at a maximum application rate of 0.5 lbs a.i./A, for 3 applications per year, with a 7 day interval between applications.
- 2) Dimethoate can be applied to Brussels sprouts at a maximum single application rate of 1 lb a.i./A for 6 applications per growing season.
- 3) Dimethoate can only be applied to Brussels sprouts by ground methods.
- 4) The maximum single application rate for garbanzo beans is 0.5 lbs a.i./A.
- 5) The maximum single application rate for cottonwood (in California) is 1 lb a.i./A.

The specific registration numbers associated with this assessment include:

769-948  
829-251  
1386-625  
5905-493  
5905-497  
7401-97  
7401-106  
7401-338  
7969-30  
7969-38  
9779-273  
10163-55  
10163-56  
10163-160  
19713-231  
19713-232  
34704-207  
34704-489  
47000-110  
47000-141  
66330-223  
66330-237  
66330-244  
66330-245  
67760-36  
67760-44  
CA970003



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D.C., 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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MEMORANDUM

**Subject:** Dimethoate - Request for confirmation of current label and use information for litigation-driven endangered species effects determination.

**From:** Kristina Garber, Biologist  
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Environmental Fate and Effects Division

**Thru:** Marietta Echeverria, Risk Assessment Process Leader  
Environmental Risk Branch 4  
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Elizabeth Behl, Chief  
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**To:** Jude Andreasen, Chemical Review Manager  
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Dimethoate is used in California for several agricultural applications. In response to a court order, the Environmental Fate and Effects Division is currently conducting an endangered species assessment to evaluate potential direct and indirect effects on individuals of the federally threatened California red-legged frog (CRLF) arising from FIFRA regulatory actions regarding use of dimethoate. Because there are numerous federal labels (Section 3, 24c, and supplemental labels), it is critical that EFED is aware of the most current information as the CRLF assessment must address all legal uses of the pesticide.

In response to your August 3, 2007 memo and subsequent emails, we have summarized the current uses of dimethoate, as they apply to California. You have indicated that all uses of dimethoate can be applied by aerial methods, with the exception of citrus and herbaceous ornamentals. We have also summarized the maximum single application rates, numbers of applications per use per year and the application intervals. Please review the table below and confirm that this is an accurate representation of the current uses of dimethoate.

In order to allow EFED sufficient time to complete this endangered species assessment and allow for peer review, please provide feedback to EFED by October 26, 2007. If you have any questions, please feel free to contact us.

Use	Max single ap. Rate (lbs a.i./A)	Max # of apps per year	Application interval (days)
Alfalfa*	0.5	1	NA
asparagus**	0.5	2	14
beans**	0.5	2	14
broccoli	0.5	3	7
Brussels sprouts	1	3	7
cauliflower	0.5	3	7
celery	0.5	3	7
cherries	1.33	1	NA
citrus	2	unknown	NA
conifer seed orchards	1	1	NA
cotton**	0.5	2	14
cottonwood (for pulp)	4	3	unknown
endive	0.25	3	7
escarole	0.25	3	7
field corn	0.5	1	NA
garbanzo beans	1	1	NA
grass for seed	0.5	2	90
herbaceous ornamentals	0.25	1	NA
honeydew	0.5	2	7
kale	0.25	2	15
lentils	0.5	2	7
lettuce (leaf)	0.25	3	7
Lupine	0.5	2	unknown
melon	0.5	2	7
mustard greens	0.25	2	9
pears	0.5	1	NA
peas (succulent)	0.5	1	NA
pecans	0.33	1	NA
peppers	0.33	5	7
popcorn	0.5	1	NA
potatoes	0.5	2	7
Safflower*	0.5	1	NA
sainfoin	0.5	1	NA
sorghum	0.5	2	7
soybeans	0.5	2	7
swiss chard	0.25	3	7
tomatoes	0.5	2	6
triticale	0.5	2	unknown
turnips	0.25	7	3
Wheat*	0.5	1	NA

\*Per crop/cutting    \*\*Per season    NA = not applicable

Applications of dimethoate to cherries and asparagus are not allowed in CA.

Aerial applications are allowed for all uses except citrus and herbaceous ornamentals.